

What is claimed is:

1. A method of sorting granular product, comprising:  
providing a screen having a first planar array of stainless steel wires in a longitudinal configuration, the wires having a tensile strength of at least 200,000 psi and a second planar array of stainless steel wires in a transverse configuration extending transversely of the first planar array, the wires having a tensile strength of at least 200,000, the screen having openings formed between the first and second planar arrays, the openings being sized so as to be capable of sorting granular product; and,  
passing granular product through the screen such that granular product is sorted.
2. The method of Claim 1, wherein the wires have a diameter between 1/16 and 5/8 inches.
3. The method of Claim 1, wherein the screen is formed by arranging the first and second planar array in an electric resistance welding machine to form a plurality of junctions where longitudinal and transverse wires cross.
4. The method of Claim 3, further comprising:  
applying a pulse of electricity to the junction at a predetermined time, pressure, and current sufficient to cause fusion or welding of the junctions.
5. The method of Claim 4, where the pulse of electricity is applied at about 5,000 amps and 2,750 psi for 40 cycles.